

IN THE CLAIMS:

Kindly amend claims 3 and 8 as follows:

3. (Amended) A detection apparatus for detecting the presence of a detectable material in a sample comprising:

a fluid application section contacting said sample;

a reaction reagent section, [having] particles [which are capable of biologically bonding to said detectable material] but which do not affect detection of said detectable material when not [biologically] bonded to said detectable material, and marking elements movably contained therein, connected to said fluid application section such that said sample moves from said fluid application section to said reaction reagent section;

a porous carrier connected to said reaction reagent section such that said sample moves from said reaction reagent section to said porous carrier;

wherein a reaction product is formed from [biological binding] of said detectable material with both said marking elements and said particles when said detectable material is present in said sample; and

a catching section in said porous carrier made from a material having a pore size smaller than a size of said reaction product, such that chromatographic movement of said marking elements not bonded in said reaction product is permitted through said catching section and whereby chromatographic movement of said reaction product is restricted, [whereby] because of the size of said reaction product, thereby causing said reaction product to be retained by said catching section.

8. (Amended) A detection method for detecting the presence of a detectable material in a sample comprising:

contacting said sample with fluid application section;

chromatographically moving said sample through said fluid application section, a reaction reagent section, a porous carrier, and a catching section;

b2 ^{reaching the sample}
[providing said reaction reagent section] with particles [which are capable of biologically bonding to said detectable material] but which do not affect detection of said detectable material when not [biologically bonded] ^{bound} to said detectable material, and with marking elements; *contained in the reaction reagent section, wherein*

[reacting said sample with said particles and said marking elements contained in said reaction reagent section] to form a reaction product, such that said detectable material bonds with both said marking elements and said particles when said detectable material is present in said sample;

passing said sample, including any reaction product present, through a catching section, having a pore size smaller than a size of said reaction product and larger than a *that is not bonded to the particle,*
[particle] diameter of said marking elements, whereby chromatographic movement of said reaction product is restricted [whereby] because of the size of said reaction product, thereby causing said reaction product to be retained by said catching section;

and analyzing presence of said marking elements at said catching section, whereby *the* presence of said marking elements corresponds with presence of said detectable material.